

# JosÃ© W F Valle

## List of Publications by Year in descending order

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Version: 2024-02-01

401  
papers

25,740  
citations

8172

76  
h-index

8384

147  
g-index

406  
all docs

406  
docs citations

406  
times ranked

8591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scotogenic neutrino masses with gauged matter parity and gauge coupling unification. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
2	Scotogenic Majorana neutrino masses in a predictive orbifold theory of flavor. Physical Review D, 2022, 105, .	1.6	4
3	High-energy colliders as a probe of neutrino properties. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137110.	1.5	5
4	Electroweak symmetry breaking in the inverse seesaw mechanism. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
5	Trimaximal neutrino mixing from scotogenic A4 family symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136122.	1.5	6
6	Phenomenology of fermion dark matter as neutrino mass mediator with gauged B-L. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136292.	1.5	4
7	Dynamical inverse seesaw mechanism as a simple benchmark for electroweak breaking and Higgs boson studies. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
8	The simplest scoto-seesaw model: WIMP dark matter phenomenology and Higgs vacuum stability. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136458.	1.5	14
9	Dark matter as the origin of neutrino mass in the inverse seesaw mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136609.	1.5	13
10	Volume I. Introduction to DUNE. Journal of Instrumentation, 2020, 15, T08008-T08008.	0.5	168
11	XENON1T signal from transition neutrino magnetic moments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135685.	1.5	41
12	Cornering (quasi) degenerate neutrinos with cosmology. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
13	Scotogenic dark matter in an orbifold theory of flavor. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
14	First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform. Journal of Instrumentation, 2020, 15, P12004-P12004.	0.5	69
15	Gravitational footprints of massive neutrinos and lepton number breaking. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135577.	1.5	11
16	Consistency of the dynamical high-scale type-I seesaw mechanism. Physical Review D, 2020, 101, .	1.6	10
17	Dirac neutrinos from Peccei-Quinn symmetry: A fresh look at the axion. Modern Physics Letters A, 2020, 35, 2050176.	0.5	12
18	Volume IV. The DUNE far detector single-phase technology. Journal of Instrumentation, 2020, 15, T08010-T08010.	0.5	86

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19	Simple theory for scotogenic dark matter with residual matter-parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135757.	1.5	13
20	Reloading the axion in a 3-3-1 setup. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135829.	1.5	6
21	Predictions from warped flavor dynamics based on the $T^2$ family group. Physical Review D, 2020, 102, .	1.6	26
22	Volume III. DUNE far detector technical coordination. Journal of Instrumentation, 2020, 15, T08009-T08009.	0.5	25
23	Phenomenology of scotogenic scalar dark matter. European Physical Journal C, 2020, 80, 1.	1.4	31
24	Dark matter stability from Dirac neutrinos in scotogenic 3-3-1-1 theory. Physical Review D, 2020, 102, .	1.6	8
25	Probing new neutral gauge bosons with $CE\frac{1}{2}NS$ and neutrino-electron scattering. Physical Review D, 2020, 101, .	1.6	23
26	A theory for scotogenic dark matter stabilised by residual gauge symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135254.	1.5	13
27	Flavour and CP predictions from orbifold compactification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135195.	1.5	12
28	Scotogenic dark matter and Dirac neutrinos from unbroken gauged $B\hat{e}\hat{a}\hat{e}L$ symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135537.	1.5	12
29	Probing the predictions of an orbifold theory of flavor. Physical Review D, 2020, 101, .	1.6	7
30	Implications of the first detection of coherent elastic neutrino-nucleus scattering (CEvNS) with liquid Argon. Journal of High Energy Physics, 2020, 2020, 1.	1.6	45
31	CP symmetries as guiding posts: revamping tri-bi-maximal mixing. Part I. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
32	Testing generalized $C^P$ symmetries with precision studies at DUNE. Physical Review D, 2019, 99, .	1.6	12
33	Probing neutrino transition magnetic moments with coherent elastic neutrino-nucleus scattering. Journal of High Energy Physics, 2019, 2019, 1.	1.6	55
34	Light majoron cold dark matter from topological defects and the formation of boson stars. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 029-029.	1.9	15
35	CP symmetries as guiding posts: Revamping tribimaximal mixing. II.. Physical Review D, 2019, 100, .	1.6	8
36	Scotogenic dark matter stability from gauged matter parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 135013.	1.5	15

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37	Status and prospects of $\epsilon$ -bi-large $\epsilon$ ™ leptonic mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 162-167.	1.5	7
38	Simplest scoto-seesaw mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 132-136.	1.5	24
39	Predicting neutrino oscillations with $\epsilon$ -bi-large $\epsilon$ -lepton mixing matrices. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 461-464.	1.5	7
40	Bound-state dark matter with Majorana neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 303-307.	1.5	17
41	Spontaneous Breaking of Lepton Number and the Cosmological Domain Wall Problem. Physical Review Letters, 2019, 122, 151301.	2.9	11
42	Asymmetric dark matter, inflation, and leptogenesis from $B-L$ symmetry breaking. Physical Review D, 2019, 99, .	1.6	20
43	Neutrino predictions from a left-right symmetric flavored extension of the standard model. Journal of High Energy Physics, 2019, 2019, 1.	1.6	19
44	Electroweak breaking and Higgs boson profile in the simplest linear seesaw model. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
45	Flavour-symmetric type-II Dirac neutrino seesaw mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 257-261.	1.5	28
46	The dark side of flipped trinification. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
47	Inverse seesaw mechanism with compact supersymmetry: Enhanced naturalness and light superpartners. Physical Review D, 2018, 98, .	1.6	2
48	New Physics Landmarks: Dark Matter and Neutrino Masses. Advances in High Energy Physics, 2018, 2018, 1-2.	0.5	1
49	Realistic tribimaximal neutrino mixing. Physical Review D, 2018, 98, .	1.6	15
50	SO(3) family symmetry and axions. Physical Review D, 2018, 98, .	1.6	20
51	$U(1)_{B-L}$ symmetry breaking. Physical Review D, 2018, 98, .		
52	Decaying warm dark matter and structure formation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 026-026.	1.9	11
53	Zooming in on neutrino oscillations with DUNE. Physical Review D, 2018, 97, .	1.6	19
54	Exploring the potential of short-baseline physics at Fermilab. Physical Review D, 2018, 97, .	1.6	15

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55	Status of neutrino oscillations 2018: 3 $\sigma$ hint for normal mass ordering and improved CP sensitivity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 633-640.	1.5	454
56	Bound-state dark matter and Dirac neutrino masses. Physical Review D, 2018, 97, .	1.6	30
57	Neutrino predictions from generalized CP symmetries of charged leptons. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
58	Seesaw Dirac neutrino mass through dimension-six operators. Physical Review D, 2018, 98, .	1.6	34
59	Testing a lepton quarticity flavor theory of neutrino oscillations with the DUNE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 459-463.	1.5	20
60	Can one ever prove that neutrinos are Dirac particles?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 302-305.	1.5	28
61	SU(6) Grand Unification of 3-3-1 Model. Springer Proceedings in Physics, 2018, , 377-380.	0.1	0
62	Seesaw roadmap to neutrino mass and dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 122-128.	1.5	63
63	Unifying left-right symmetry and 331 electroweak theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 35-40.	1.5	17
64	A White Paper on keV sterile neutrino Dark Matter. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 025-025.	1.9	256
65	Measuring the leptonic $\langle C \rangle P$ phase in neutrino oscillations with nonunitary mixing. Physical Review D, 2017, 95, .	1.6	32
66	Dirac neutrinos and dark matter stability from lepton quarticity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 209-213.	1.5	66
67	Probing atmospheric mixing and leptonic CP violation in current and future long baseline oscillation experiments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 524-531.	1.5	21
68	Predictive Pati-Salam theory of fermion masses and mixing. Journal of High Energy Physics, 2017, 2017, 1.	1.6	26
69	A model of comprehensive unification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 667-670.	1.5	18
70	Probing CP violation with non-unitary mixing in long-baseline neutrino oscillation experiments: DUNE as a case study. New Journal of Physics, 2017, 19, 093005.	1.2	64
71	Matter-parity as a residual gauge symmetry: Probing a theory of cosmological dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 825-831.	1.5	43
72	Generalized bottom-tau unification, neutrino oscillations and dark matter: Predictions from a lepton quarticity flavor approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 26-33.	1.5	43

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73	Cornering the revamped BMV model with neutrino oscillation data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 179-182.	1.5	15
74	Three-family left-right symmetry with low-scale seesaw mechanism. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
75	Towards gauge coupling unification in left-right symmetric SU(3) <sub>c</sub> –SU(3) <sub>L</sub> –SU(3) <sub>R</sub> –U(1) <sub>X</sub> theories. Physical Review D, 2017, 96, .	1.6	18
76	Probing light sterile neutrino signatures at reactor and Spallation Neutron Source neutrino experiments. Physical Review D, 2017, 96, .	1.6	55
77	Resolving the atmospheric octant by an improved measurement of the reactor angle. Physical Review D, 2017, 96, .	1.6	7
78	Heavy Higgs boson production at colliders in the singlet-triplet scotogenic dark matter model. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
79	Neutrino oscillations from warped flavor symmetry: Predictions for long baseline experiments T2K, NOvA, and DUNE. Physical Review D, 2017, 95, .	1.6	9
80	Consistency of WIMP Dark Matter as radiative neutrino mass messenger. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
81	Electroweak breaking and neutrino mass: “invisible” Higgs decays at the LHC (type II seesaw). New Journal of Physics, 2016, 18, 033033.	1.2	19
82	Constraining flavor changing interactions from LHC Run-2 dilepton bounds with vector mediators. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 269-274.	1.5	43
83	Neutrino oscillations and the seesaw origin of neutrino mass. Nuclear Physics B, 2016, 908, 436-455.	0.9	28
84	Realistic $SU(3)_c \times SU(3)_L \times SU(3)_R \times U(1)_X$ theories. Physical Review D, 2017, 96, .		

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91	CP violation from flavor symmetry in a lepton quarticity dark matter model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 431-436.	1.5	31
92	The weak mixing angle from low energy neutrino measurements: A global update. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 450-455.	1.5	11
93	New Ambiguity in Probing $C$ Violation in Neutrino Oscillations. Physical Review Letters, 2016, 117, 061804.	2.9	44
94	Classifying $C$ transformations according to their texture zeros: Theory and implications. Physical Review D, 2016, 94, .	1.6	26
95	Flavor physics scenario for the 750 GeV diphoton anomaly. Physical Review D, 2016, 93, .	1.6	12
96	Warped flavor symmetry predictions for neutrino physics. Journal of High Energy Physics, 2016, 2016, 1.	1.6	41
97	Addendum to "Updating neutrino magnetic moment constraints" [Phys. Lett. B 753 (2016) 191-198]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 568.	1.5	16
98	Generalized $\hat{1}_4$ , reflection symmetry and leptonic CP violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 644-652.	1.5	56
99	Vacuum stability with spontaneous violation of lepton number. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 756, 345-349.	1.5	19
100	Updating neutrino magnetic moment constraints. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 191-198.	1.5	46
101	The Cabibbo angle as a universal seed for quark and lepton mixings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 1-4.	1.5	10
102	Status and Implications of Neutrino Masses: A Brief Panorama. Advanced Series on Directions in High Energy Physics, 2015, , 25-37.	0.7	0
103	Predicting charged lepton flavor violation from 3-3-1 gauge symmetry. Physical Review D, 2015, 92, .	1.6	58
104	Consistency of the triplet seesaw model revisited. Physical Review D, 2015, 92, .	1.6	54
105	Probing neutrino magnetic moments at the Spallation Neutron Source facility. Physical Review D, 2015, 92, .	1.6	47
106	On the description of nonunitary neutrino mixing. Physical Review D, 2015, 92, .	1.6	88
107	Are the B decay anomalies related to neutrino oscillations?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 367-371.	1.5	26
108	Status and implications of neutrino masses: A brief panorama. International Journal of Modern Physics A, 2015, 30, 1530034.	0.5	1

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109	Sensitivities to neutrino electromagnetic properties at the TEXONO experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 459-465.	1.5	19
110	Relating quarks and leptons with the T 7 flavour group. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 99-106.	1.5	35
111	Small neutrino masses and gauge coupling unification. Physical Review D, 2015, 91, .	1.6	37
112	Neutrino mass and invisible Higgs decays at the LHC. Physical Review D, 2015, 91, .	1.6	23
113	Planck-scale effects on WIMP dark matter. Frontiers in Physics, 2014, 1, .	1.0	3
114	Neutrino oscillations refitted. Physical Review D, 2014, 90, .	1.6	347
115	The Low-Scale Approach to Neutrino Masses. Advances in High Energy Physics, 2014, 2014, 1-15.	0.5	99
116	Inflation and majoron dark matter in the neutrino seesaw mechanism. Physical Review D, 2014, 90, .	1.6	25
117	Is charged lepton flavor violation a high energy phenomenon?. Physical Review D, 2014, 89, .	1.6	43
118	Dirac neutrinos from flavor symmetry. Physical Review D, 2014, 89, .	1.6	56
119	Radiative neutrino mass in 3-3-1 scheme. Physical Review D, 2014, 90, .	1.6	44
120	Neutrino masses: evidences and implications. Journal of Physics: Conference Series, 2014, 485, 012005.	0.3	1
121	Constraints on majoron dark matter from cosmic microwave background and astrophysical observations. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 742, 154-157.	0.7	3
122	Leptogenesis with a dynamical seesaw scale. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 052-052.	1.9	19
123	Testing the Standard Model and beyond with the LENA proposal. Journal of Physics: Conference Series, 2014, 485, 012044.	0.3	0
124	Accidental stability of dark matter. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
125	Quark-lepton mass relation in a realistic extension of the Standard Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 68-72.	1.6	33
126	WIMP dark matter as radiative neutrino mass messenger. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50



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127	Bilinear R-parity violation with flavor symmetry. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
128	Neutrino mixing with revamped A4 flavor symmetry. Physical Review D, 2013, 88, .	1.6	20
129	Neutrino masses and mixing: a flavour symmetry roadmap. Fortschritte Der Physik, 2013, 61, 466-492.	1.5	49
130	Quark-lepton mass relation and CKM mixing in an $A_4$ extension of the minimal supersymmetric standard model. Physical Review D, 2013, 88, .	1.6	48
131	Bilarge neutrino mixing and Abelian flavor symmetry. Physical Review D, 2013, 87, .	1.6	14
132	Updated CMB and x- and $\tilde{\nu}^3$ -ray constraints on Majoron dark matter. Physical Review D, 2013, 88, .	1.6	49
133	Lepton asymmetries and primordial hypermagnetic helicity evolution. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 008-008.	1.9	29
134	Heavy neutrinos and lepton flavor violation in left-right symmetric models at the LHC. Physical Review D, 2012, 86, .	1.6	109
135	New neutrino mass sum rule from the inverse seesaw mechanism. Physical Review D, 2012, 86, .	1.6	28
136	Probing neutralino properties in minimal supergravity with bilinear $R$ -parity violation. Physical Review D, 2012, 86, .	1.6	13
137	Flavor in heavy neutrino searches at the LHC. Physical Review D, 2012, 85, .	1.6	34
138	Bilarge neutrino mixing and the Cabibbo angle. Physical Review D, 2012, 86, .	1.6	26
139	Neutrinos and dark matter. Journal of Physics: Conference Series, 2012, 384, 012022.	0.3	2
140	Low-energy neutrino-electron scattering as a standard model probe: The potential of LENA as case study. Physical Review D, 2012, 85, .	1.6	15
141	Predictive discrete dark matter model and neutrino oscillations. Physical Review D, 2012, 86, .	1.6	21
142	Gravitino dark matter and neutrino masses with bilinear $R$ -parity violation. Physical Review D, 2012, 85, .	1.6	31
143	Constraining neutrinoless double beta decay. Nuclear Physics B, 2012, 861, 259-270.	0.9	45
144	Global status of neutrino oscillation parameters after Neutrino-2012. Physical Review D, 2012, 86, .	1.6	379

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145	Understanding and Probing Neutrinos. Nuclear Physics, Section B, Proceedings Supplements, 2012, 229-232, 23-29.	0.5	2
146	Symmetrical parametrizations of the lepton mixing matrix. Physical Review D, 2011, 84, .	1.6	69
147	Global constraints on muon-neutrino nonstandard interactions. Physical Review D, 2011, 83, .	1.6	43
148	Global neutrino data and recent reactor fluxes: the status of three-flavour oscillation parameters. New Journal of Physics, 2011, 13, 063004.	1.2	162
149	Phenomenology of dark matter from A 4 flavor symmetry. Journal of High Energy Physics, 2011, 2011, 1.	1.6	49
150	Lepton flavor violation and non-unitary lepton mixing in low-scale type-I seesaw. Journal of High Energy Physics, 2011, 2011, 1.	1.6	83
151	Chern-Simons anomaly as polarization effect. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 048-048.	1.9	19
152	Relating quarks and leptons without grand unification. Physical Review D, 2011, 84, .	1.6	28
153	Current theoretical status of neutrino masses and mixing. , 2011, , .		0
154	Where we are on $\hat{\theta}_{13}$ : addendum to "Global neutrino data and recent reactor fluxes: status of three-flavor oscillation parameters". New Journal of Physics, 2011, 13, 109401.	1.2	197
155	Constraining nonstandard neutrino-quark interactions with solar, reactor and accelerator data. Journal of Physics: Conference Series, 2010, 259, 012091.	0.3	2
156	Particles, Strings and Cosmology (PASCOS). Journal of Physics: Conference Series, 2010, 259, 011001.	0.3	0
157	Progress in the understanding of neutrino properties. Journal of Physics: Conference Series, 2010, 203, 012009.	0.3	3
158	The Hunt for New Physics at the Large Hadron Collider. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 185-417.	0.5	104
159	Probing neutrino oscillations in supersymmetric models at the Large Hadron Collider. Physical Review D, 2010, 82, .	1.6	14
160	Neutrino mass in supersymmetry. , 2010, , .		2
161	$A^4$ -based neutrino masses with Majoron decaying dark matter. Physical Review D, 2010, 82, .	1.6	25
162	Discrete dark matter. Physical Review D, 2010, 82, .	1.6	64

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163	Calculable inverse-seesaw neutrino masses in supersymmetry. Physical Review D, 2010, 81, .	1.6	27
164	Interplay between collective effects and nonstandard interactions of supernova neutrinos. Physical Review D, 2010, 81, .	1.6	15
165	Finding the Higgs boson through supersymmetry. Physical Review D, 2009, 80, .	1.6	4
166	Physics at a future Neutrino Factory and super-beam facility. Reports on Progress in Physics, 2009, 72, 106201.	8.1	174
167	Flavour violation at the LHC: type-I versus type-II seesaw in minimal supergravity. Journal of High Energy Physics, 2009, 2009, 003-003.	1.6	34
168	Neutrinos as cosmic messengers. , 2009, , .		1
169	A4-based tri-bimaximal mixing within inverse and linear seesaw schemes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 454-459.	1.5	88
170	Modelling tribimaximal neutrino mixing. Physical Review D, 2009, 79, .	1.6	26
171	Neutrino masses, leptogenesis, and dark matter in a hybrid seesaw model. Physical Review D, 2009, 79, .	1.6	24
172	Inverse tribimaximal type-III seesaw mechanism and lepton flavor violation. Physical Review D, 2009, 80, .	1.6	34
173	Confusing nonzero $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msub} \langle \text{mml:mi} \hat{\nu} \text{mml:mi} \rangle \text{mml:mn} \rangle 13 \text{mml:mn} \langle \text{mml:msub} \rangle \text{mml:math} \rangle$ with nonstandard interactions in the solar neutrino sector. Physical Review D, 2009, 80, .	1.6	36
174	Probing nonstandard neutrino-electron interactions with solar and reactor neutrinos. Physical Review D, 2009, 79, .	1.6	74
175	Constraining nonstandard neutrino-quark interactions with solar, reactor, and accelerator data. Physical Review D, 2009, 80, .	1.6	57
176	Is the baryon asymmetry of the Universe related to galactic magnetic fields?. Physical Review D, 2009, 80, .	1.6	28
177	Can OPERA help constraining neutrino NSI. , 2009, , .		0
178	CP violation and neutrino oscillations. Progress in Particle and Nuclear Physics, 2008, 60, 338-402.	5.6	183
179	Probing a supersymmetric model for neutrino masses at ultrahigh energy neutrino telescopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 185-189.	1.5	2
180	Can OPERA help in constraining neutrino non-standard interactions?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 197-201.	1.5	31

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181	Collider aspects of flavor physics at high Q. European Physical Journal C, 2008, 57, 183-307.	1.4	59
182	Minimal Supergravity Scalar Neutrino Dark Matter and Inverse Seesaw Neutrino Masses. Physical Review Letters, 2008, 101, 161802.	2.9	82
183	Constraining nonstandard neutrino-electron interactions. Physical Review D, 2008, 77, .	1.6	75
184	Three-flavour neutrino oscillation update. New Journal of Physics, 2008, 10, 113011.	1.2	485
185	Probing minimal supergravity in the type-I seesaw mechanism with lepton flavor violation at the CERN LHC. Physical Review D, 2008, 78, .	1.6	33
186	Tribimaximal neutrino mixing and neutrinoless double beta decay. Physical Review D, 2008, 78, .	1.6	64
187	Lepton asymmetries and the growth of cosmological seed magnetic fields. Journal of High Energy Physics, 2008, 2008, 067-067.	1.6	19
188	Probing bilinear R-parity violating supergravity at the LHC. Journal of High Energy Physics, 2008, 2008, 048-048.	1.6	49
189	Parameter degeneracy in flavor-dependent reconstruction of supernova neutrino fluxes. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 006.	1.9	27
190	X-ray photons from late-decaying majoron dark matter. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 013.	1.9	60
191	Fermion masses, leptogenesis, and supersymmetric SO(10) unification. Physical Review D, 2008, 77, .	1.6	5
192	Exact relativistic $\hat{I}^2$ decay endpoint spectrum. Physical Review C, 2007, 76, .	1.1	31
193	Probing nonstandard neutrino interactions with supernova neutrinos. Physical Review D, 2007, 76, .	1.6	58
194	Predictive Flavor Symmetries of the Neutrino Mass Matrix. Physical Review Letters, 2007, 99, 151802.	2.9	97
195	Decaying Warm Dark Matter and Neutrino Masses. Physical Review Letters, 2007, 99, 121301.	2.9	94
196	Robustness of solar neutrino oscillations in the presence of non-standard physics. AIP Conference Proceedings, 2007, , .	0.3	1
197	Thermal leptogenesis in extended supersymmetric seesaw model. Physical Review D, 2007, 75, .	1.6	12
198	Minimal supergravity radiative effects on the tribimaximal neutrino mixing pattern. Physical Review D, 2007, 75, .	1.6	37

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199	Concluding talk at NOW 2006. Nuclear Physics, Section B, Proceedings Supplements, 2007, 168, 413-422.	0.5	3
200	Probing the internal solar magnetic field through g modes. Monthly Notices of the Royal Astronomical Society, 2007, 377, 453-458.	1.6	22
201	Production and decays of supersymmetric Higgs bosons in spontaneously broken Rparity. Physical Review D, 2006, 73, .	1.6	16
202	Neutrino physics overview. Journal of Physics: Conference Series, 2006, 53, 473-505.	0.3	71
203	Constraining nonstandard interactions in $\nu_e \nu_e$ scattering. Physical Review D, 2006, 73, .	1.6	72
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398	Comment on the lepton mixing matrix. <i>Physical Review D</i> , 1980, 21, 309-311.	1.6	61
399	Hilbert superspaces and Grassmann numbers. <i>International Journal of Theoretical Physics</i> , 1979, 18, 923-934.	0.5	4
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